Title (en)

Method, apparatus and computer program for selecting a media gateway control function based on the monitoring of resources of media gateway functions

Title (de)

Verfahren, Einrichtung und Computerprogramm zur Auswahl einer Medienübergangskontrollfunktions basierend auf der Überwachung von Resourcen von Medienübergangsfunktionen

Title (fr)

Procédé, dispositif et logiciel d'ordinateur permettant la selection d'une fonction de commande de passerelle de média à base de la surveillance de ressources de fonctions de la passerelle de média

Publication

EP 1436963 A1 20040714 (EN)

Application

EP 02765108 A 20021008

Priority

- GB 0204561 W 20021008
- GB 0124216 A 20011009

Abstract (en)

[origin: GB2380894A] A method of selecting a gateway control function (10, 12) when routing a communications session from a network:
 monitoring the current state of resources at a plurality of gateway functions (14, 16) connecting a first network to a second network;
 selecting a gateway control function (10, 12) from a plurality of gateway control functions (10, 12), the gateway control function (10, 12) being capable of controlling a gateway function (14, 16) to route a communications session from the first network to the second network, the selection being performed on the basis of the monitoring. This is an advantage over conventional media gateway controller functions, for passing a communication between networks, which are selected without regard to the current state of the resources available at media gateways controlled by the media gateway controller. The invention may be applied, for instance, to packet switched networks, or mobile networks conforming to the Third Generation Partnership Programme (3GPP). The media gateway controllers (10, 12) may exercise control over the media gateways (14, 16) using the Megaco protocol.

IPC 1-7

H04L 29/06; H04L 12/64; H04M 7/00

IPC 8 full level

H04L 12/24 (2006.01); **H04L 12/56** (2006.01); **H04L 12/66** (2006.01); **H04Q 3/00** (2006.01); **H04W 76/02** (2009.01); H04L 29/06 (2006.01)

CPC (source: EP US)

H04L 12/66 (2013.01 - EP); **H04L 65/1043** (2013.01 - EP); **H04Q 3/0062** (2013.01 - EP); **H04W 28/088** (2023.05 - EP US); H04W 76/12 (2018.01 - EP); H04W 88/16 (2013.01 - EP)

Citation (search report)

See references of WO 03032601A1

Cited by

CN112492574A; WO2016081734A3; US11496913B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

GB 0124216 D0 20011128; **GB 2380894 A 20030416**; AT E332606 T1 20060715; DE 60212988 D1 20060817; DE 60212988 T2 20070301; EP 1436963 A1 20040714; EP 1436963 B1 20060705; ES 2268077 T3 20070316; WO 03032601 A1 20030417

DOCDB simple family (application)

GB 0124216 A 20011009; AT 02765108 T 20021008; DE 60212988 T 20021008; EP 02765108 A 20021008; ES 02765108 T 20021008; GB 0204561 W 20021008